

Abstract of the Disclosure

An intelligent battery pack in an electronic device such as a PC, sends such information as a voltage, a current, etc. related to power consumption to a controller via a line when the PC is driven by a battery. When the AC adapter is supplying electrical power to the device, the power source is changed to the battery pack once only during the measuring time so as to display data using both measuring and communicating functions of the battery pack. Consequently, no special electric power detector is provided in the power supply system of the AC adapter.